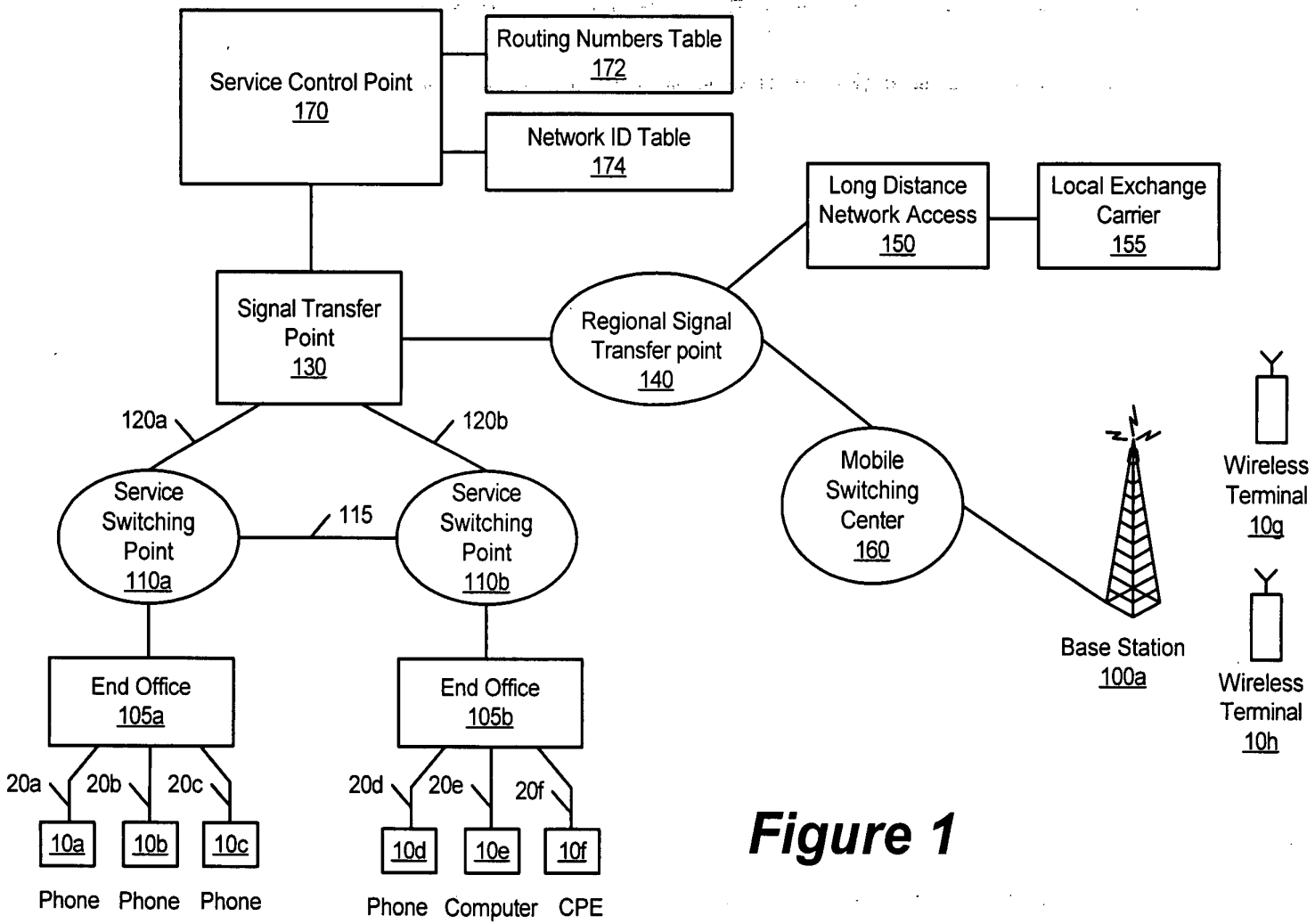

Service Control Point
170
Routing Numbers Table
172
Network ID Table
174
Long Distance Network Access
150
Local Exchange Carrier
155
Signal Transfer Point
130
Regional Signal Transfer point
140
120a
120b
Service Switching Point
110a
115
Service Switching Point
110b
Mobile Switching Center
160
Base Station
100a
Wireless Terminal
10g
Wireless Terminal
10h
End Office
105a
End Office
105b
20a
20b
20c
20d
20e
20f
10a
10b
10c
10d
10e
10f
Phone
Phone
Phone
Phone
Computer
CPE

Figure 1

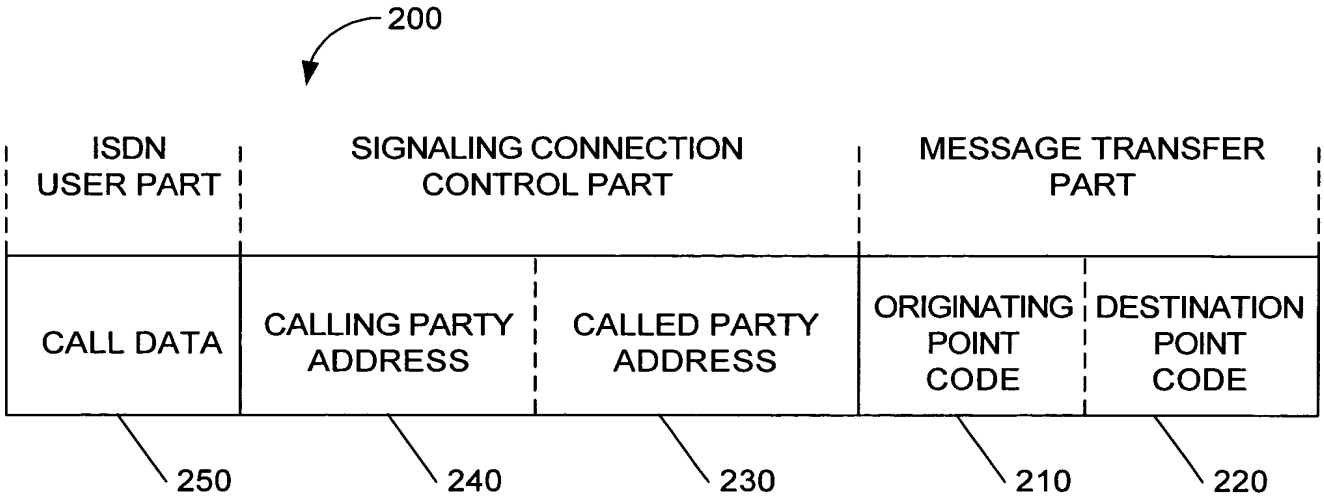


Figure 2

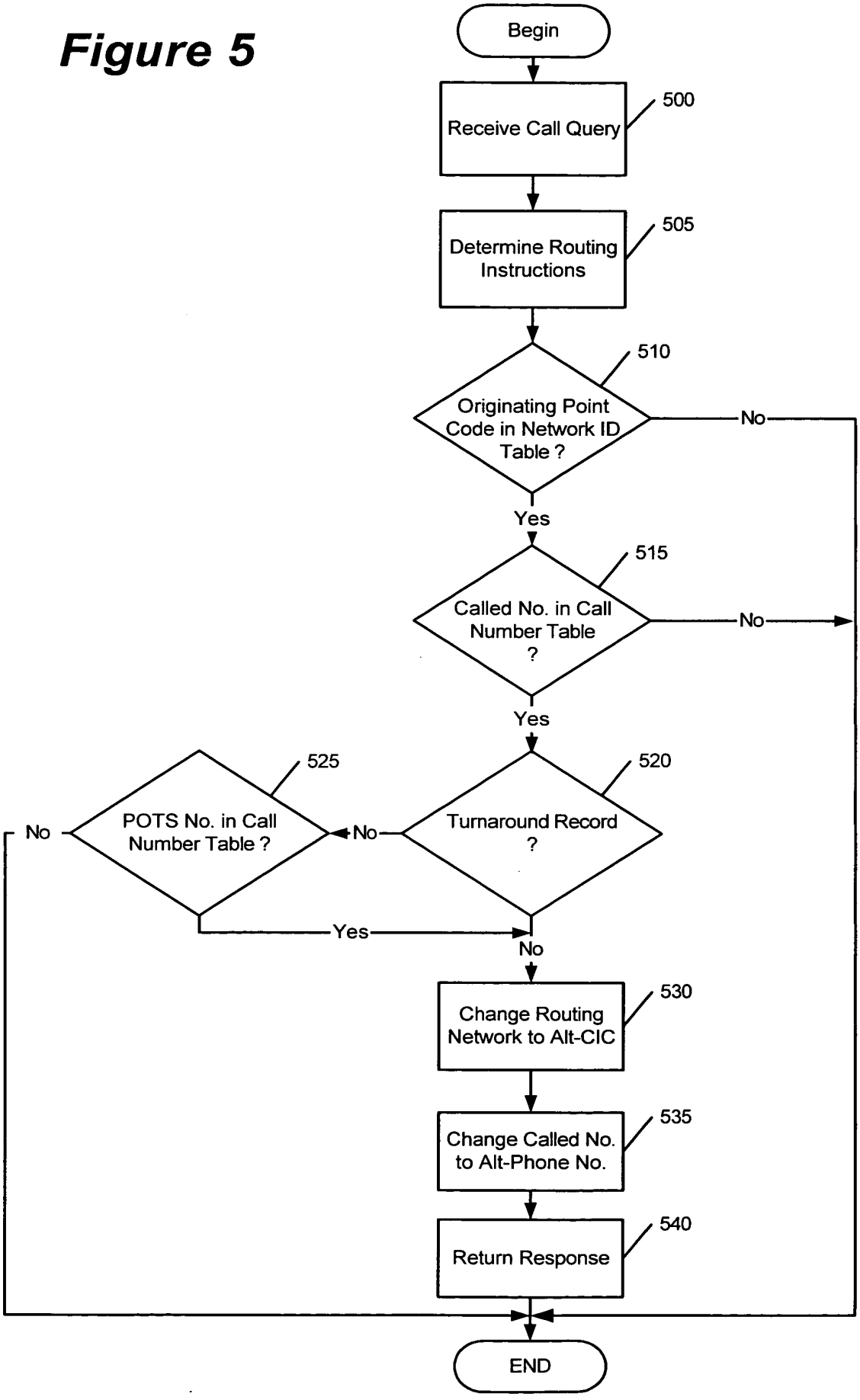
Network ID Table	
Network IDs (Point Codes)	Routing Number Tables
Network ID 1	Routing Number Table 1
Network ID 2	Routing Number Table 2
Network ID 3	Routing Number Table 3
Network ID 4	Routing Number Table 4

Figure 3

Routing Number Table		
Toll-Free Nos.	Alternate Carrier Identification Codes (CICs)	Alternate Phone Nos.
Toll-Free No. 1	CIC 1	Phone No. 1
Toll-Free No. 2	CIC 2	Phone No. 2
Toll-Free No. 3	CIC 3	Phone No. 3
Toll-Free No. 4	CIC 4	Phone No. 4

Figure 4

Figure 5


Begin
Receive Call Query
500
Determine Routing Instructions
505
Originating Point Code in Network ID Table ?
510
No
Yes
Called No. in Call Number Table ?
515
No
Yes
Turnaround Record ?
520
No
POTS No. in Call Number Table ?
525
No
Yes
No
Change Routing Network to Alt-CIC
530
Change Called No. to Alt-Phone No.
535
Return Response
540
END

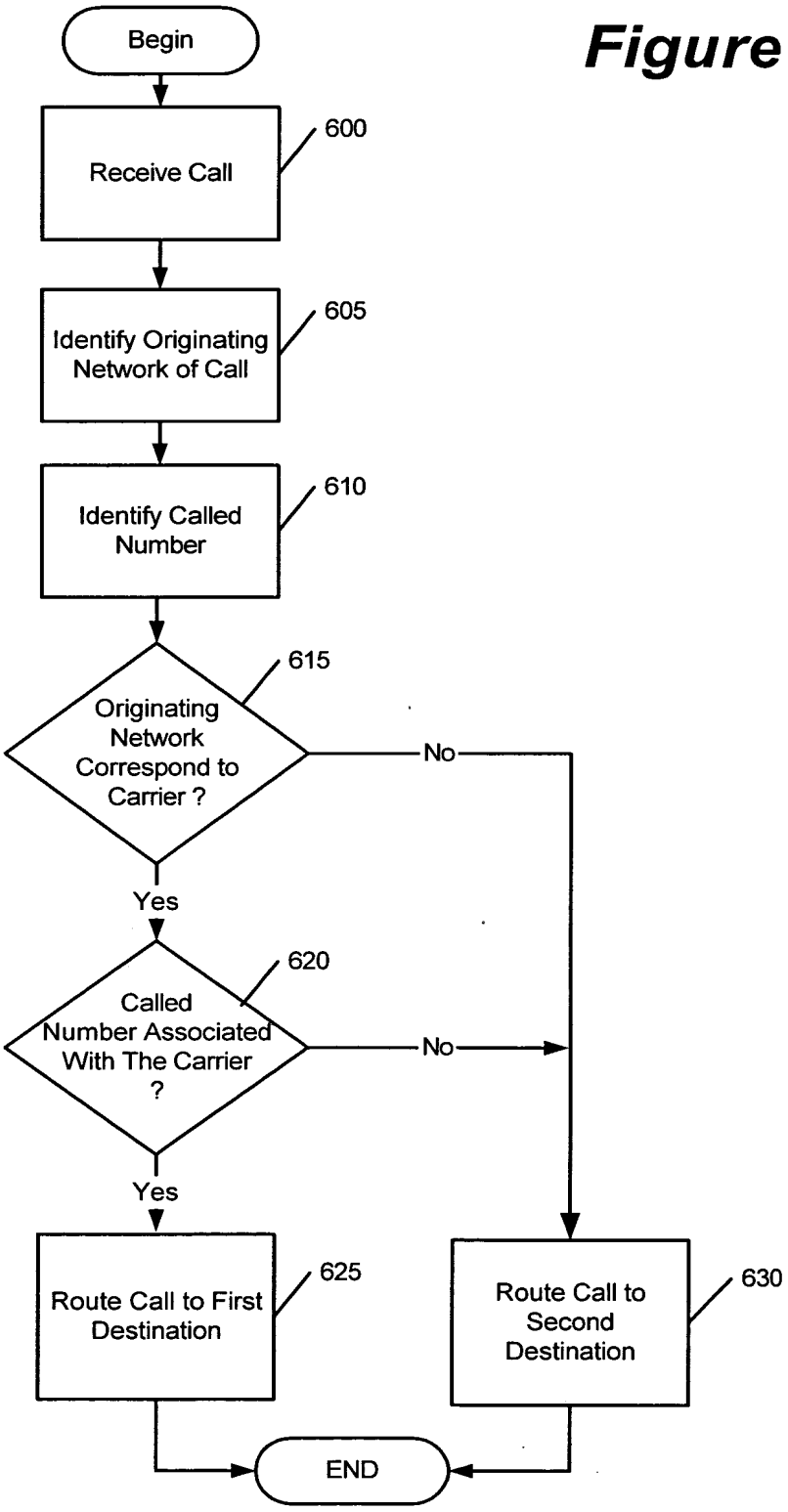

Begin
Receive Call
600
Identify Originating Network of Call
605
Identify Called Number
610
Originating Network Correspond to Carrier ?
615
No
Yes
Called Number Associated With The Carrier ?
620
No
Yes
Route Call to First Destination
625
Route Call to Second Destination
630
END

Figure 6